

# DIN 41612 Right Angle Female Type 1/3R Connectors 30 Positions

**ROHS COMPLIANT**

## SPECIFICATION

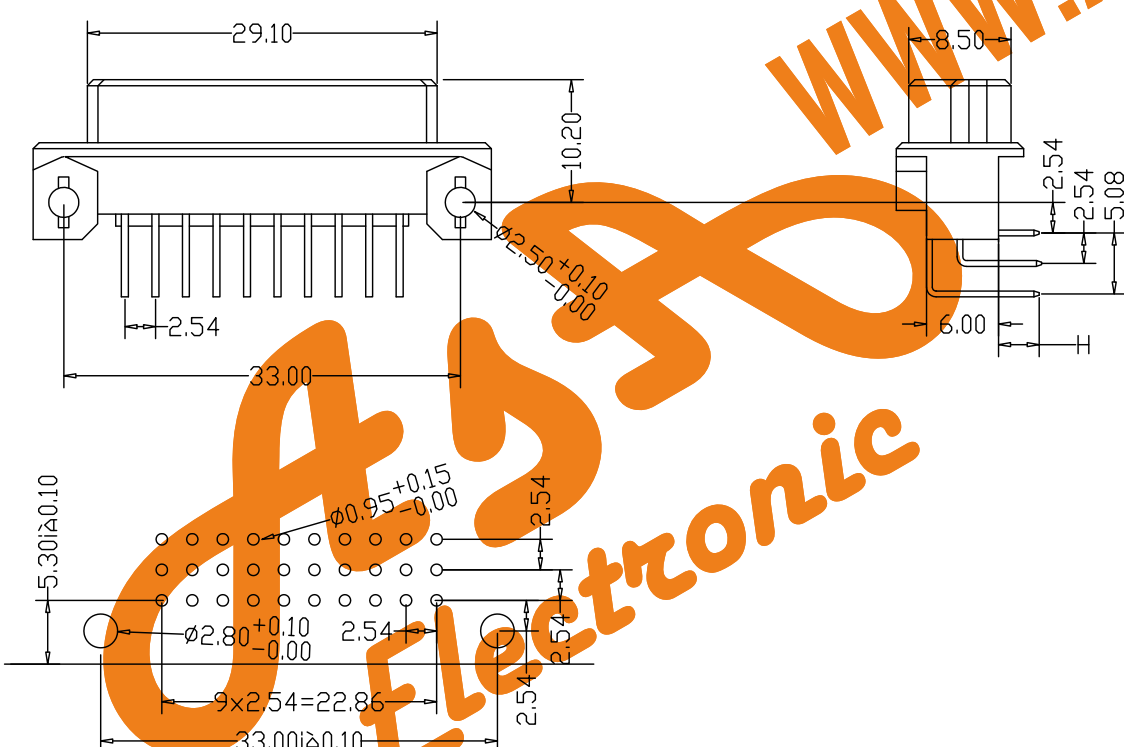
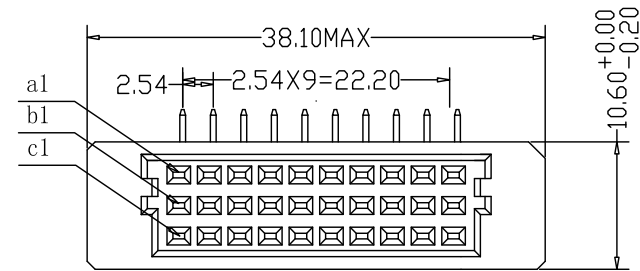
Current Rating:	2.0Amp
Insulation Resistance:	100000MΩ min.at DC 100V
Contact Resistance:	20MΩ max
Withstand Voltage:	AC 1000V For 1 Minute
Operating Temperature:	-55° C to +105° C
Contact Material:	Brass
Contact Plating:	Au or Sn Over Ni
Insulator Material:	PBT+30%GF UL 94V-0
Insertion Force:	30 pin max. 28N
Withdrawal Force:	0.15N min.per individual contact

## Ordering Code:

DFR - XX - X - X - X -320

① ② ③ ④ ⑤

- |                             |                        |
|-----------------------------|------------------------|
| ① Series No:                | ⑤ Contact Plating      |
| ② No. of Contacts           | G0: Gold flash         |
| 30P 20P 10p 15p             | S0: Gold flash/Ni      |
|                             | G1: 3u" Gold           |
| ③ Termination               | S1: 3u" Gold/Ni        |
| B:Right tail length H=3.0mm | G2: 5u" Gold           |
| J:Right tail length H=7.0mm | S2: 5u" Gold/Ni        |
|                             | G3: 10u" Gold          |
| ④ Rows Loaded With Contacts | S3: 10u" Gold/Ni       |
| A:Row a                     | C:Row a+b              |
| D:Row a+c                   | F:Row a+b+c            |
| D1:Row a+c(2,4,6...)        | F1:Row a+b+c(2,4,6...) |
|                             | G4: 15u" Gold          |
|                             | S4: 15u" Gold/Ni       |
|                             | G5: 30u" Gold          |
|                             | S5: 30u" Gold/Ni       |
|                             | SN: Tin                |



Recommended P. C. B. Layout

Unless Otherwise specified tolerance  
 X±0.35  
 X.X±0.25  
 X.XX±0.20  
 X.XXX±0.15

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SCALE: As Shown UNIT: mm

					DRAWN: jnufon	TITLE:
					CHECKED:Yan	Right Angle Female Type 1/3R Connectors 30 Positions
		Add option of plating	10/8/1	APPROVED	DRAWING NO:	DFR-XX-XXX-320
REV		DESCRIPTION	DATE		PRODUCT NO:	DFR-XX-XXX-320